

BASE PLATE
(ISOMETRICAL VIEW)
(SLOT CONFIGURATION CAN CHANGE)
(ANY DESIRED SIZE AND CONFIGURATION)

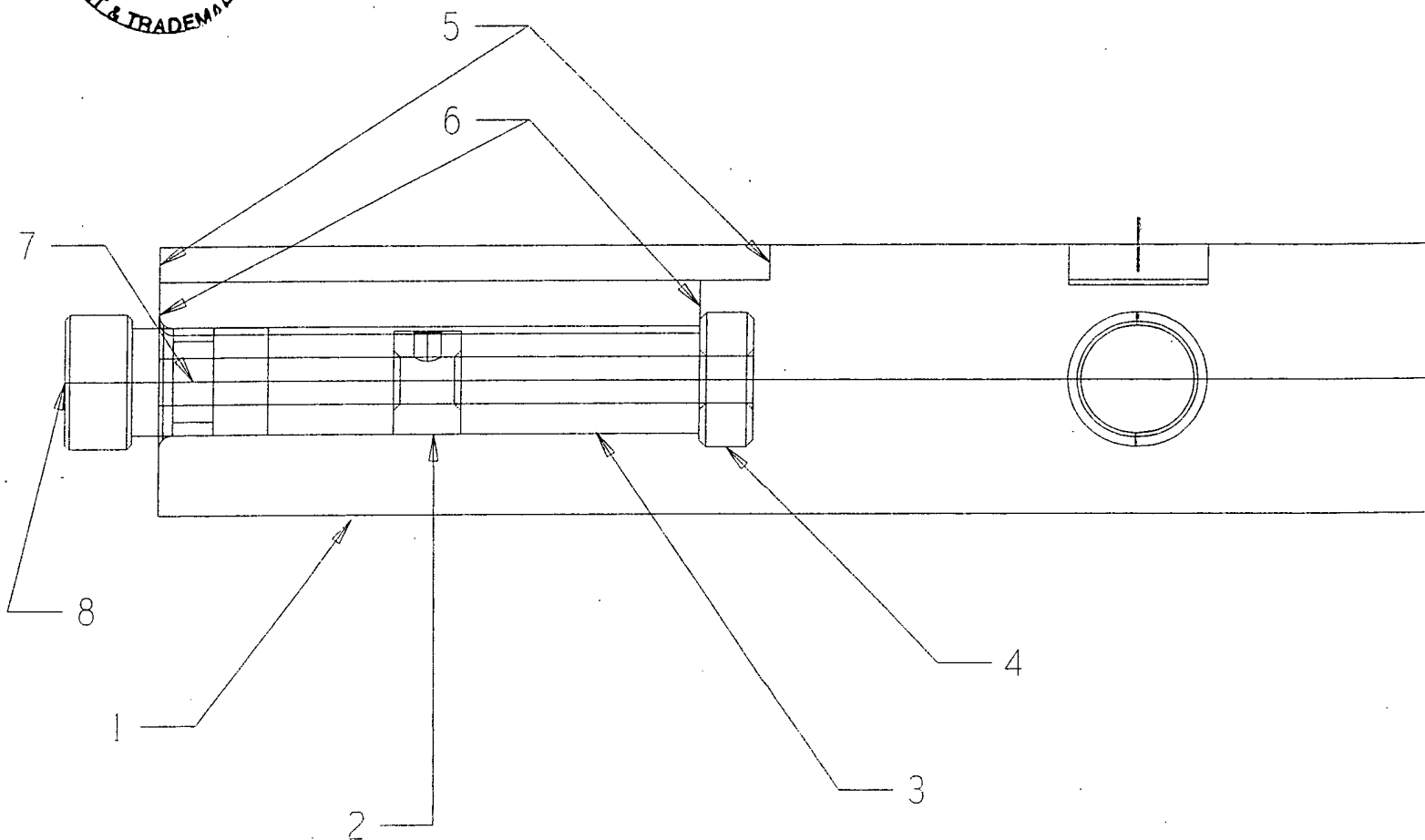


FIGURE # 1
(BASE PLATE / SIDE VIEW)

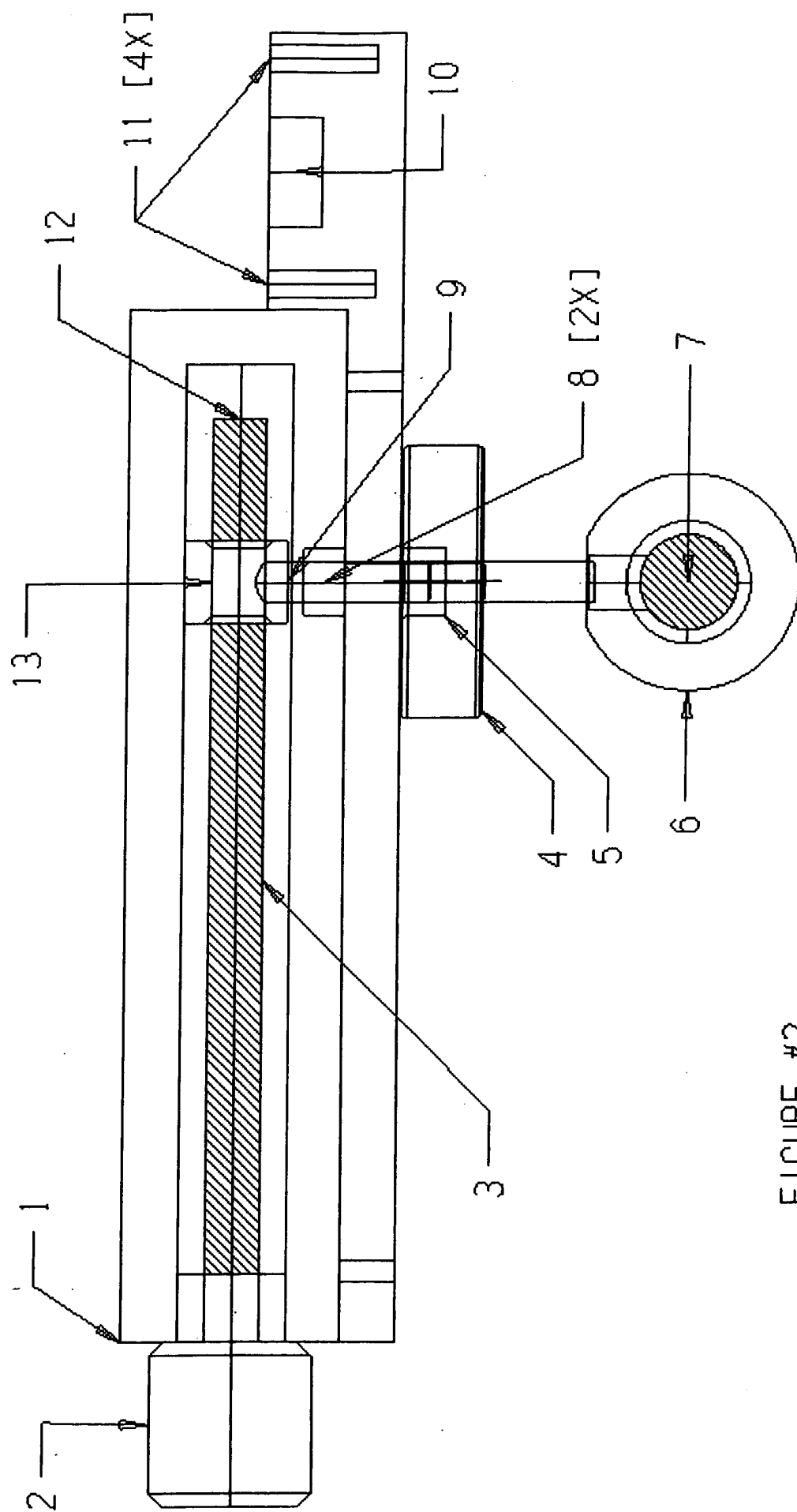
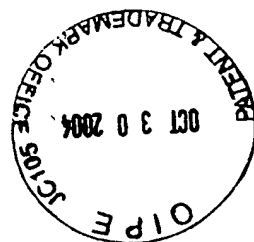


FIGURE #2
(FRONT VIEW/RISER BASE TO BASE PLATE)



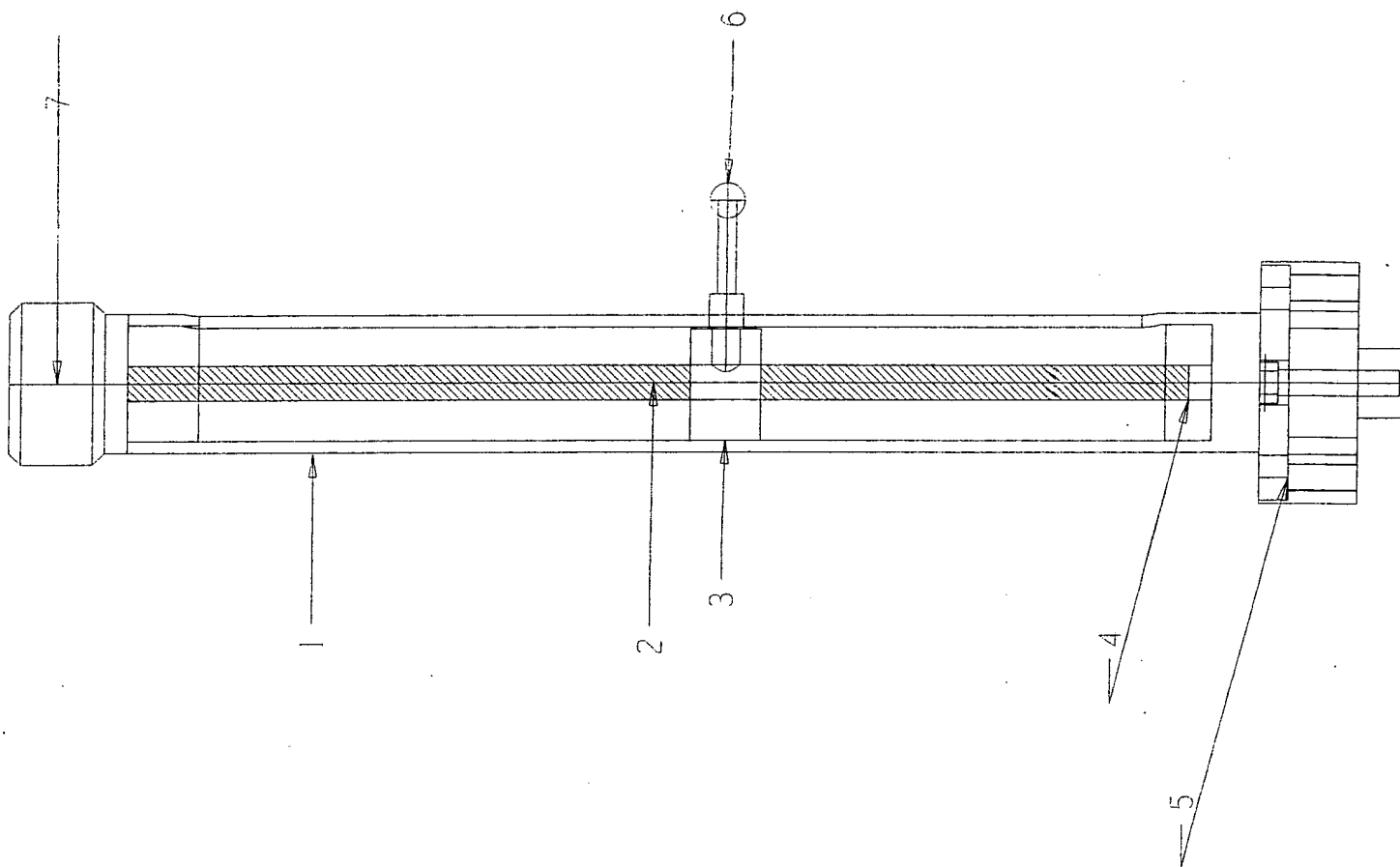
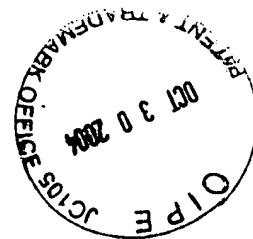
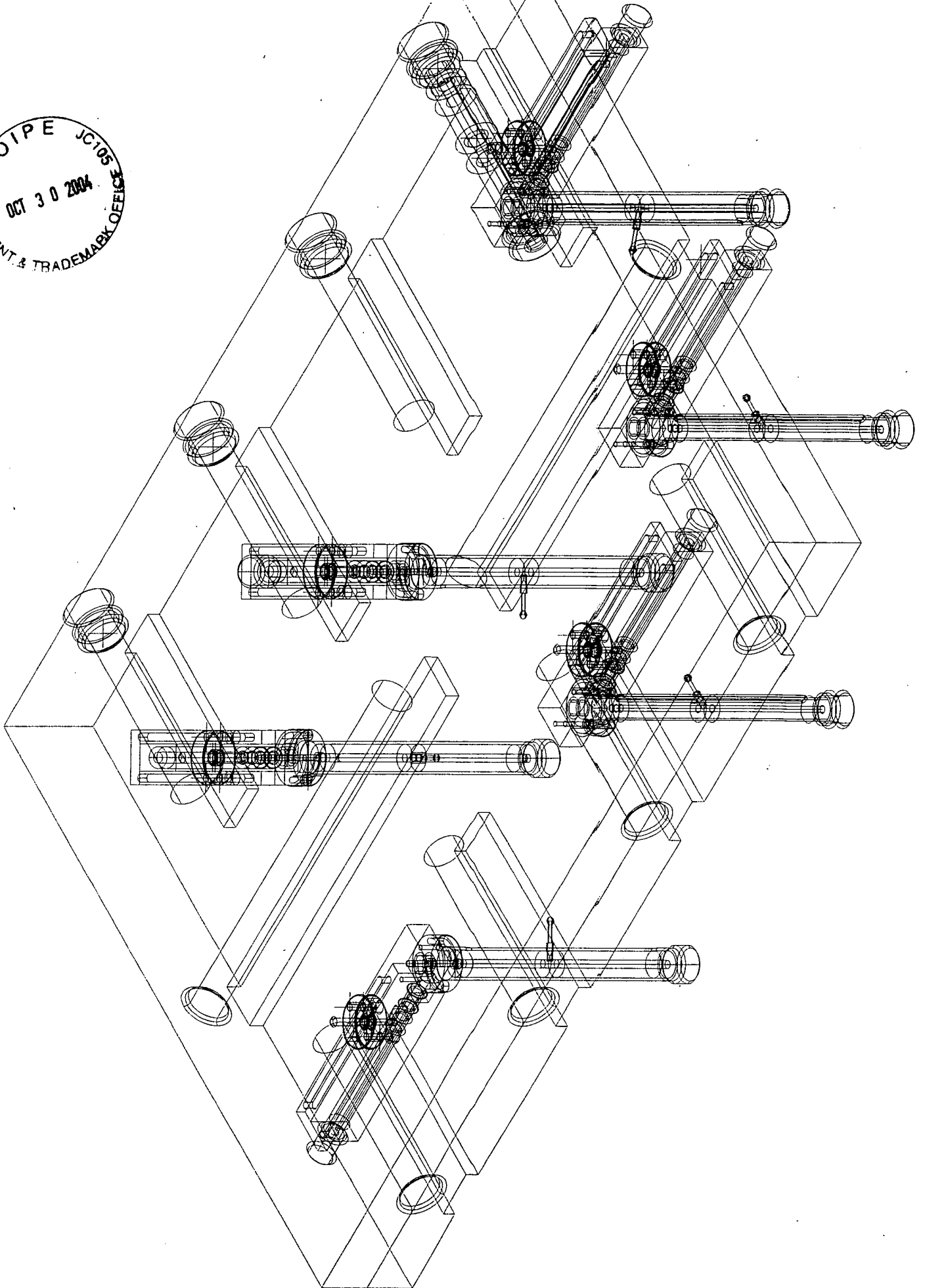
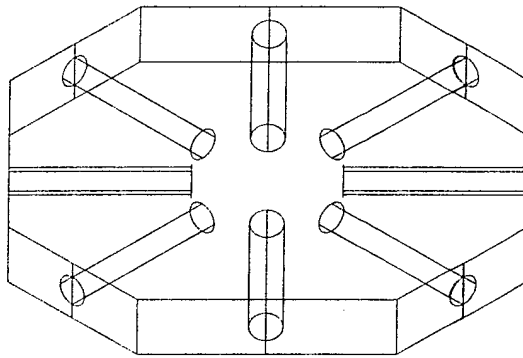


FIGURE #3
(RISER FRONT VIEW)

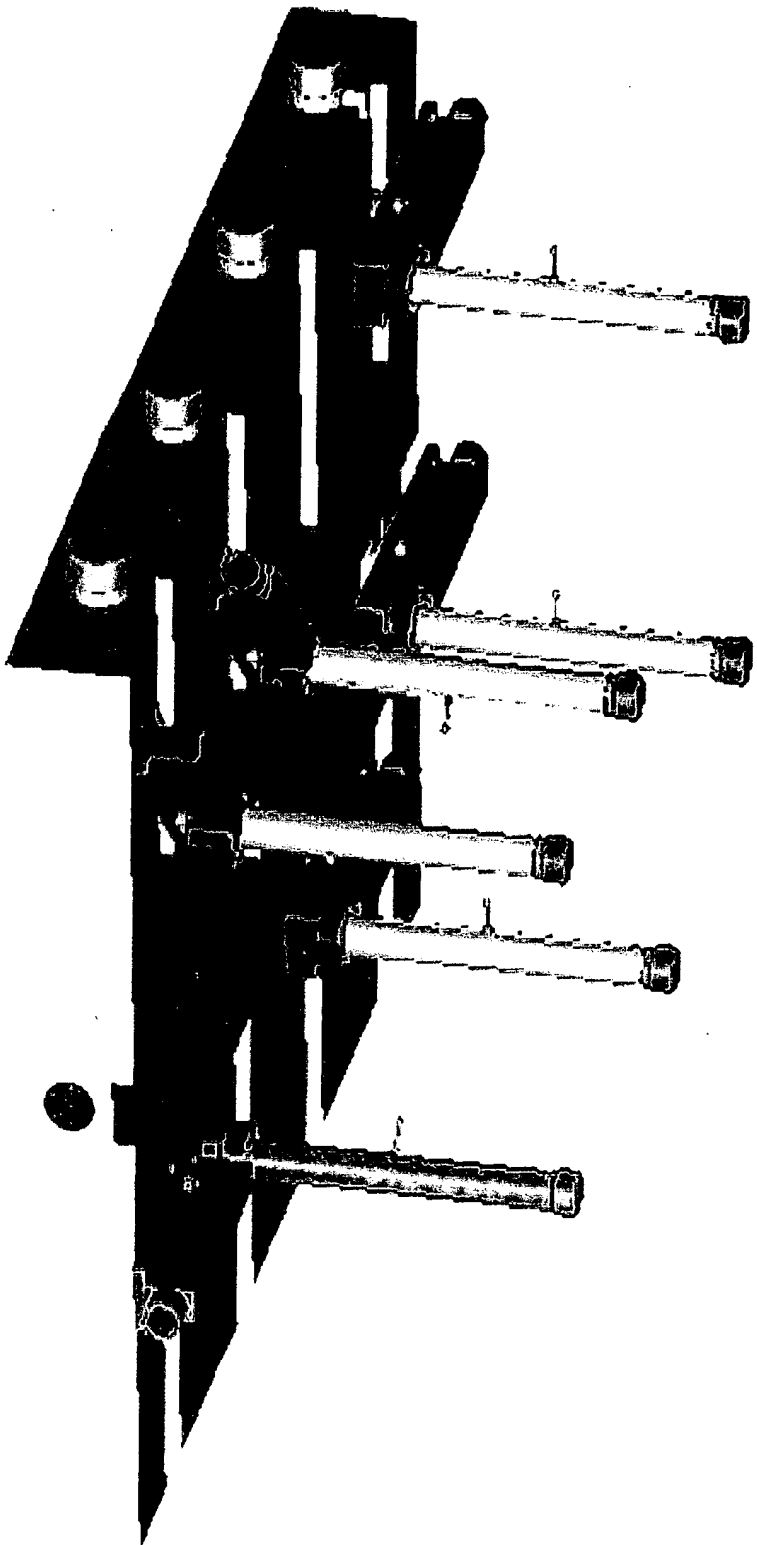




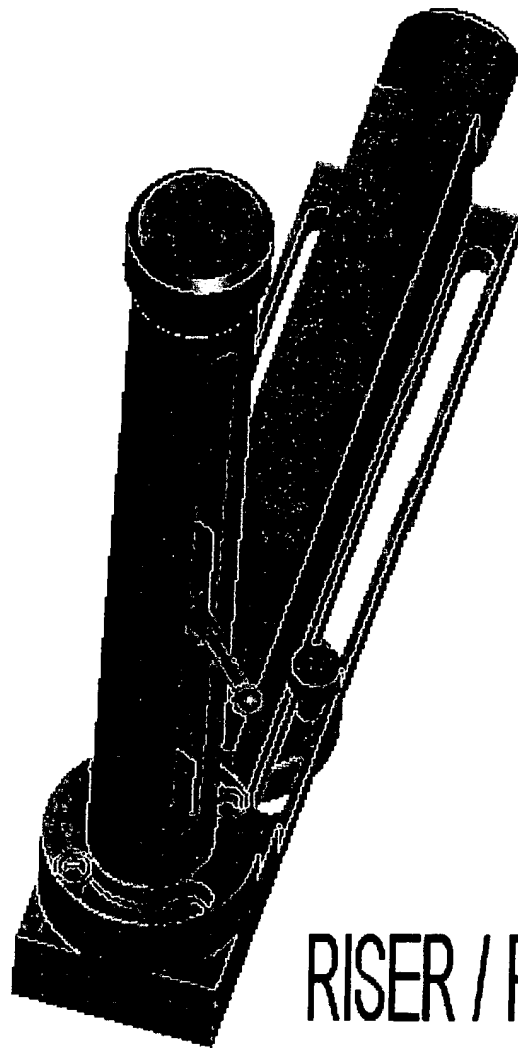


BASE PLATE

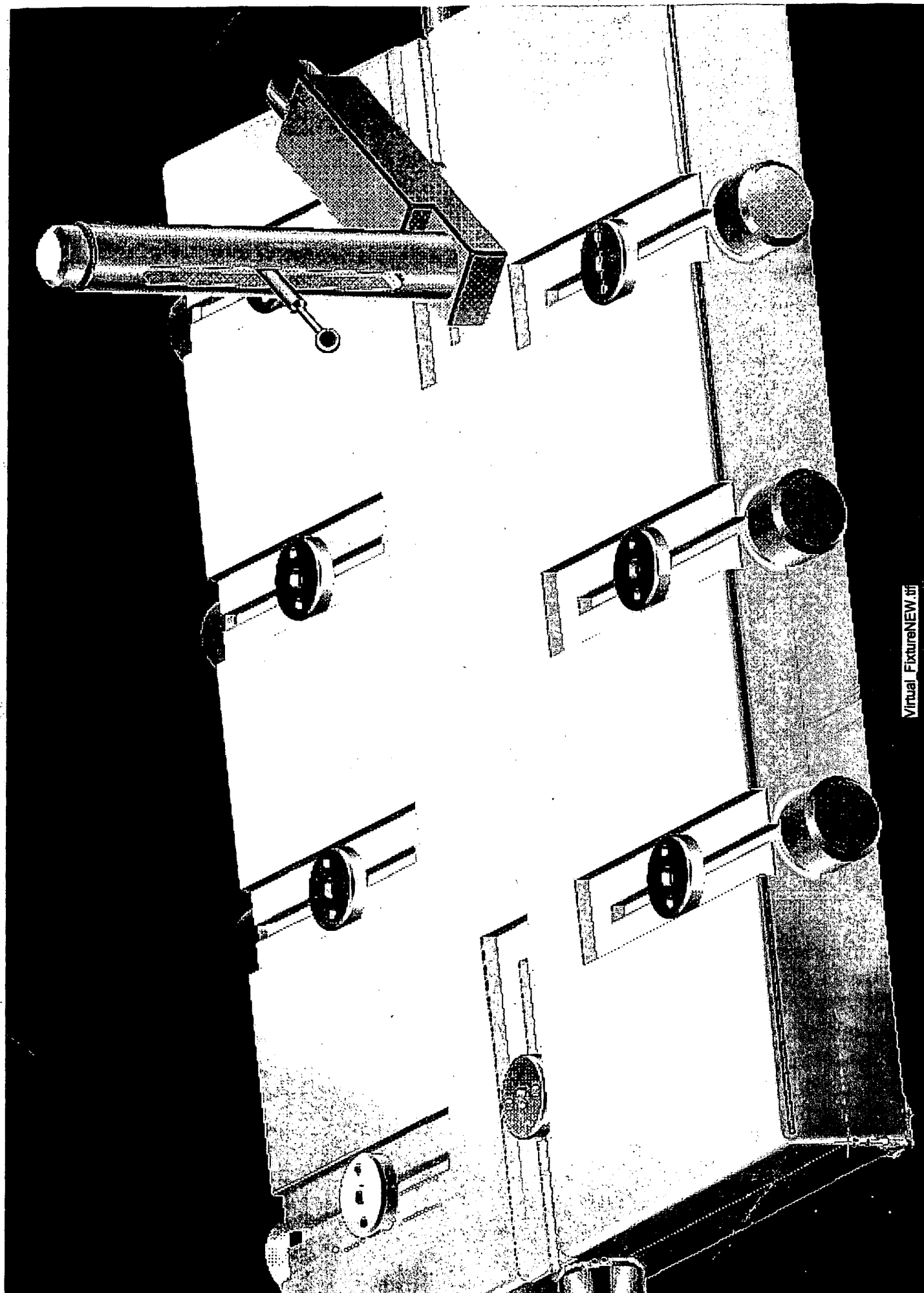
(EXAMPLE OF OTHER CONFIGURATIONS)



3D SOLID RENDERING
(COMPLETE ASSEMBLY)

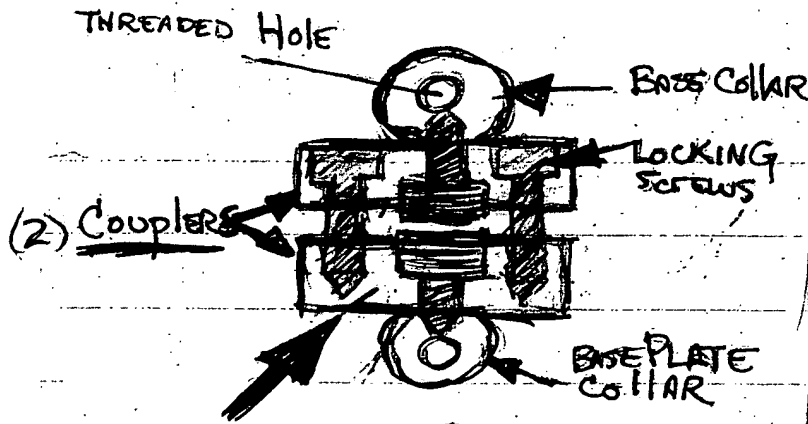


RISER / RISER BASE ASSEMBLY
(3D SOLID RENDERING)



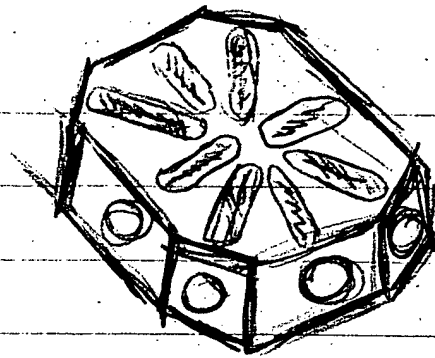
Virtual FixtureNEW.tif

VIEW B



WHEN SCREWS ON BASE TIGHTEN, COUPLERS SQUEEZE TO LOCK POSITION

THIS ACHIEVES ROTATION OF THE BASE, ALSO LOCKS LINEAR MOVEMENT

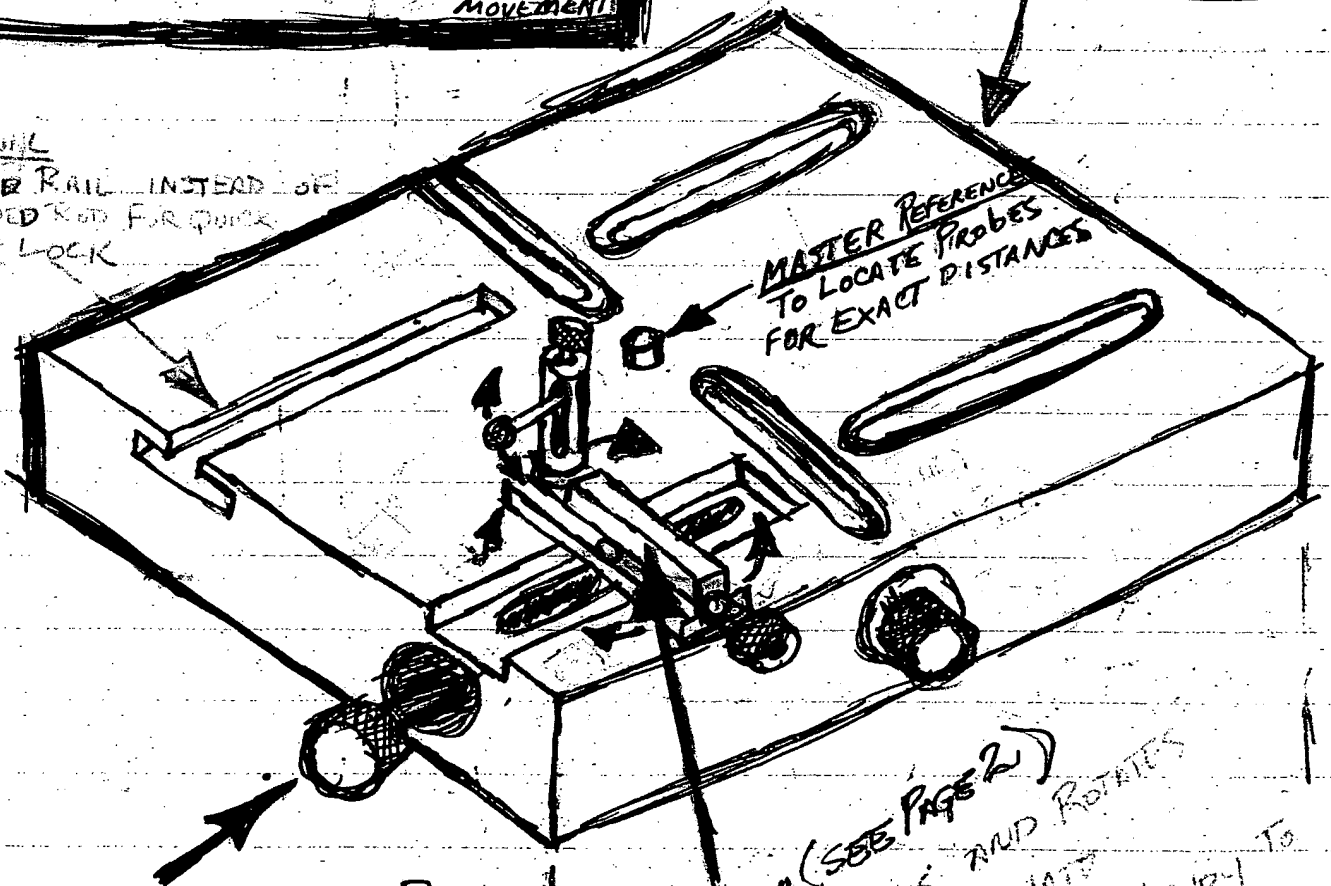


HEXAGON BASE PLATE

CUSTOM CONFIGURATION TO FIT CUSTOMER USE

BASE PLATE

OPTIONAL SLOTTER RAIL INSTEAD OF THREADED ROD FOR QUICK SLIDE & LOCK



MASTER REFERENCE TO LOCATE PROBES FOR EXACT DISTANCES

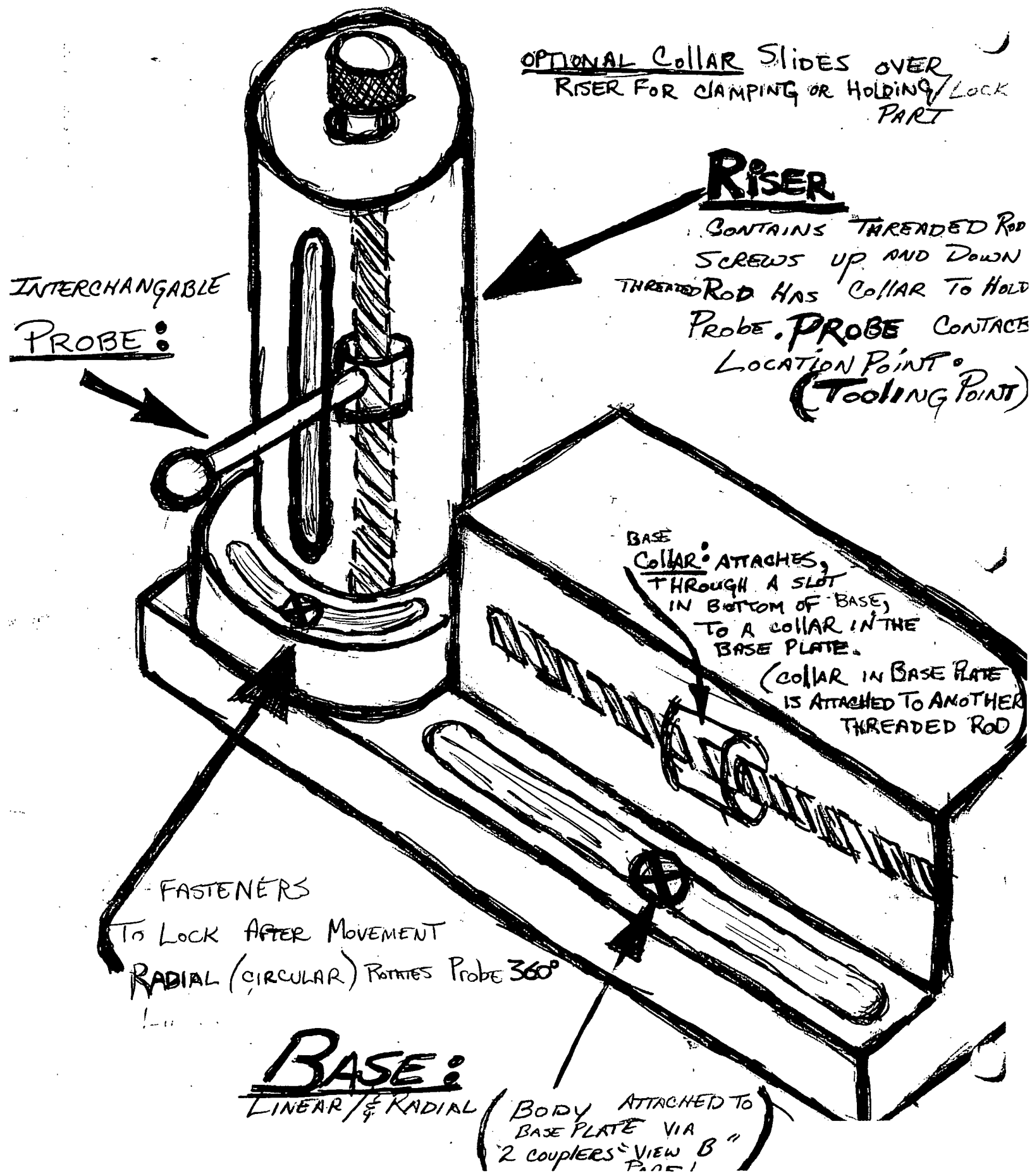
KNOB ATTACHES TO THREADED ROD MOVES BASE ON BASE PLATE

Body (SEE PAGE 2) SLIDES AND ROTATES ON BASE PLATE FASTENERS LOCK BODY TO BASE PLATE

Scott Mull
DRAWN / CURRIED April 7 2003

DRAWN BY SCOTT MULLEN 5.5.3 "VIRTUAL FIXT."

PAGE 2



ADJUSTABLE Tooling POINTS

"Z"

"X, Y, Z, C"

BASE
ADJ. MOUNT
FOR X, Y

(3135)
5/16 SLOT

HEX
ROTATES 45°
PER TURN

Roll
w/GAG
ROTATE 0

1.0"
O.D. KNURLED

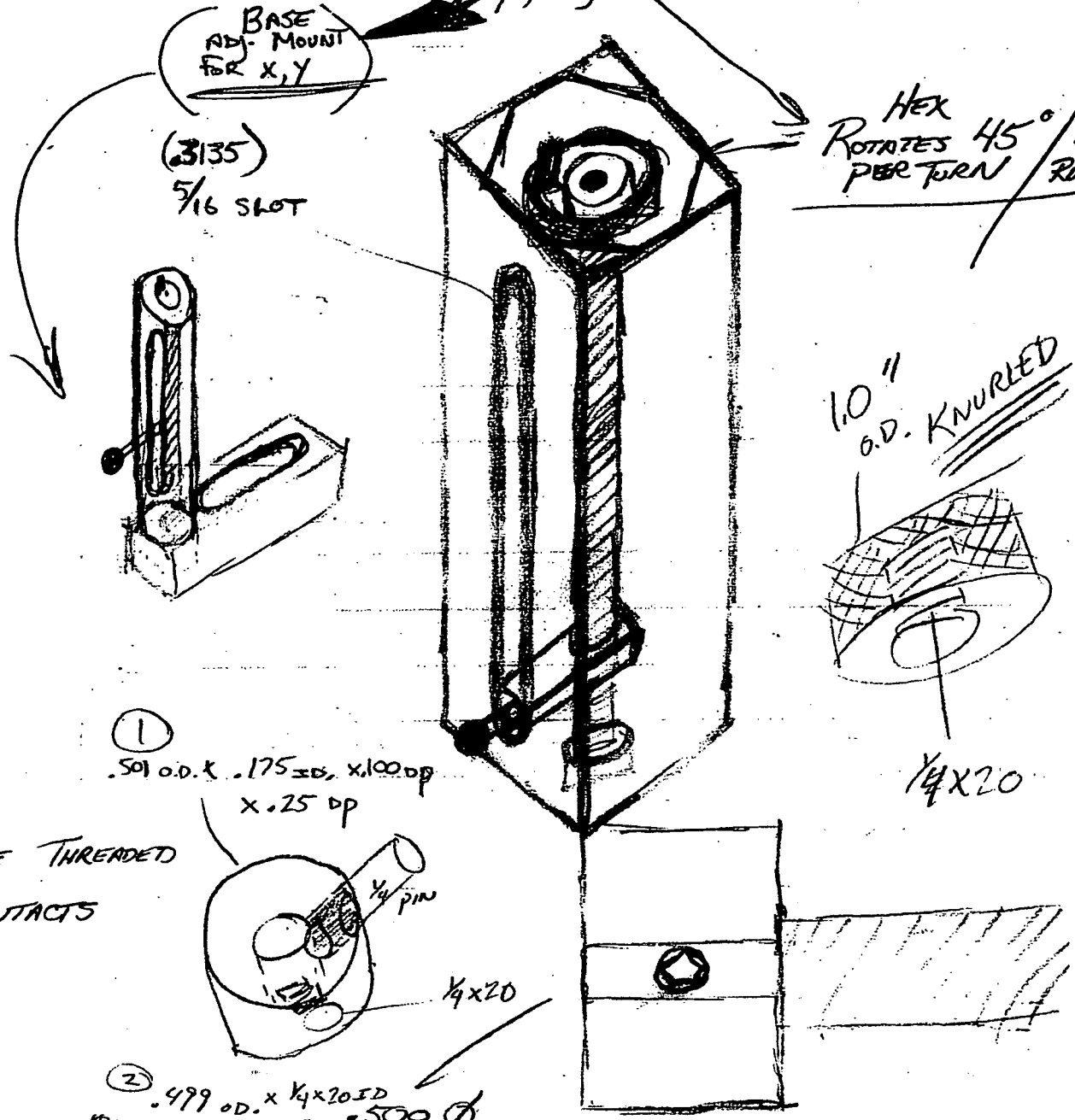
1/4 x 20

①
.501 O.D. x .175 ± .005 x .100 DP
x .25 DP

MULTIPLE THREADED
CONTACTS

1/4 PIN
1/4 x 20

②
.499 O.D. x 1/4 x 20 ± .005
(PIN W/.125 SIDE HOLE) x .500



**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☒ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.